



weekly
statistical
bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

VOL. 70

For Week Ended September 22, 1989

NO. 38

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 09/22/89	Last Week Ending: 09/15/89	Last Year Week Ending: 09/23/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,916	13,989	12,927	-73	989
Operable capacity	15,576	15,576	15,917	0	-341
Percent operated	89.3	89.8	81.2		
Motor Gasoline					
Total motor gasoline production	7,264	7,132	6,997	132	267
Finished leaded motor gasoline production	752	729	1,166	23	-414
Finished unleaded motor gasoline production	6,512	6,403	5,831	109	681
Total motor gasoline stocks	219,993	218,615	218,545	1,378	1,448
Finished leaded motor gasoline stocks	22,399	21,623	41,537	776	-19,138
Finished unleaded motor gasoline stocks	159,392	157,098	139,220	2,294	20,172
Jet Fuel Kerosine					
Jet fuel kerosine production	1,247	1,200	1,179	47	68
Jet fuel kerosine stocks	42,076	41,814	40,860	262	1,216
Distillate Fuel Oil					
Distillate fuel oil production	3,008	3,057	2,583	-49	425
Distillate fuel oil stocks	122,016	121,369	132,189	647	-10,173
Residual Fuel Oil					
Residual fuel oil production	905	843	857	62	48
Residual fuel oil stocks	44,273	43,538	43,568	735	705
Imports					
Crude oil imports	5,654	6,437	4,664	-783	990
Product imports	1,835	2,284	2,108	-449	-273
Crude Oil Stocks					
Crude oil stocks	330,897	328,959	318,827	1,938	12,070
Crude Supply Balance	1,036				

*See definitions on page 6.



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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Oper- ated
East Coast	1,550	1,305	1,305	1,325	98.5
Appal. No. 1	93	87	87	109	79.8
DISTRICT 1 TOTAL	1,643	1,392	1,392	1,434	97.1
Ind., Ill., Ky.	2,160	2,005	2,015	2,198	91.7
Minn., Wisc., Daks.	332	325	328	337	97.3
Okla., Kans., Mo.	736	686	689	730	94.4
DISTRICT 2 TOTAL	3,228	3,016	3,032	3,265	92.9
Inland Texas	593	518	521	555	93.9
Texas Gulf Coast	3,548	3,169	3,208	3,477	92.3
La. Gulf Coast	2,632	2,358	2,382	2,938	81.1
N. La. and Ark.	164	156	158	247	64.0
New Mexico	93	77	77	76	101.3
DISTRICT 3 TOTAL	7,030	6,278	6,346	7,293	87.0
DISTRICT 4 TOTAL	502	491	493	546	90.3
DISTRICT 5 TOTAL	2,653	2,570	2,653	3,038	87.3
TOTAL U.S.	15,056	13,747	13,916	15,576	89.3
TOTAL U.S.					
Weeks Ended:					
SEP. 15, 1989	15,333	13,800	13,989	15,576	89.8
SEP. 23, 1988	14,099	12,790	12,927	15,917	81.2
DISTRICTS 1-4					
Weeks Ended:					
SEP. 22, 1989	12,403	11,177	11,253	12,538	89.8
SEP. 15, 1989	12,583	11,228	11,322	12,538	90.3
SEP. 23, 1988	11,264	10,134	10,122	12,686	80.6

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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total	Motor Gasoline		Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil
	Motor Gasoline ¹	Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	698	6	692	24	72	373	113
Appal. No. 1	28	4	24	--	--	34	4
DISTRICT 1 TOTAL	726	10	716	24	72	407	117
Ind., Ill., Ky	1,210	37	1,173	10	107	422	49
Minn., Wisc., Daks.	171	30	141	1	19	65	25
Okla., Kans., Mo.	376	81	295	9	40	174	6
DISTRICT 2 TOTAL	1,757	148	1,609	20	166	661	80
Inland Texas	282	37	245	30	43	123	9
Texas Gulf Coast	1,656	131	1,525	18	311	687	214
La. Gulf Coast	1,320	61	1,259	10	281	503	112
N. La. and Ark.	48	1	47	7	5	45	7
New Mexico	42	7	35	8	--	17	--
DISTRICT 3 TOTAL	3,348	237	3,111	73	640	1,375	342
DISTRICT 4 TOTAL	255	79	176	23	24	130	8
DISTRICT 5 TOTAL	1,178	278	900	73	345	435	358
TOTAL U.S.	7,264	752	6,512	213	1,247	3,008	905
TOTAL U.S.							
Weeks Ended:							
SEP. 15, 1989	7,132	729	6,403	216	1,200	3,057	843
SEP. 23, 1988	6,997	1,166	5,831	243	1,179	2,583	857
DISTRICTS 1-4							
Weeks Ended:							
SEP. 22, 1989	6,086	474	5,612	140	902	2,573	547
SEP. 15, 1989	5,890	491	5,399	165	846	2,581	500
SEP. 23, 1988	5,684	876	4,808	187	824	2,090	483

¹Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.²Includes Grade No. 4 fuel oil.

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STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline			Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,567	57	3,509	1	50	517	6,461	818	--
Central Atlantic	24,977	410	20,018	4,549	530	4,814	29,005	16,260	11,778
Lower Atlantic	33,060	2,483	30,232	345	679	4,942	13,759	2,141	379
DISTRICT 1 TOTAL	61,604	2,950	53,759	4,895	1,259	10,273	49,225	19,219	12,157
DISTRICT 2 TOTAL	59,908	7,706	43,477	8,725	1,066	9,572	32,461	2,965	17,363
DISTRICT 3 TOTAL	64,077	4,645	44,086	15,346	2,083	15,864	27,615	14,197	49,320
DISTRICT 4 TOTAL	6,248	1,667	2,823	1,758	348	767	2,747	615	2,297
DISTRICT 5 TOTAL	28,156	5,431	15,247	7,478	1,809	5,600	9,968	7,277	22,843
TOTAL U.S.	219,993	22,399	159,392	38,202	6,565	42,076	122,016	44,273	103,980
TOTAL U.S. Weeks Ended:									
SEP. 15, 1989	218,615	21,623	157,098	39,894	6,347	41,814	121,369	43,538	104,137
SEP. 23, 1988	218,545	41,537	139,220	37,788	6,729	40,860	132,189	43,568	107,382
DISTRICTS 1-4 Weeks Ended:									
SEP. 22, 1989	191,837	16,968	144,145	30,724	4,756	36,476	112,048	36,996	81,137
SEP. 15, 1989	189,490	16,263	140,947	32,280	4,728	36,085	111,190	36,562	82,007
SEP. 23, 1988	188,650	34,969	123,184	30,497	5,119	33,862	119,526	35,716	78,295

¹Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.²Includes Grade No. 4 fuel oil.

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE),
IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL
(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production ¹		Crude Oil Imports ¹		Crude Oil Stocks By Location
	API	Latest Dept. of Energy	Total	From Canada	
	Monthly	April 1989			
DISTRICTS 1-4 TOTAL					
	Daily Average				
SEP. 22, 1989	4,624.0	4,858.0	5,360	650	254,560
SEP. 15, 1989	4,624.0	--	6,158*	593	255,434
SEP. 8, 1989	4,624.0	--	5,987	567	258,936
SEP. 1, 1989	4,661.0	--	6,120	574	261,166

DISTRICT 5 TOTAL

SEP. 22, 1989	2,916.0	2,897.0	294	43	76,337 #
SEP. 15, 1989	2,916.0	--	279	--	73,525
SEP. 8, 1989	2,916.0	--	559	15	79,636
SEP. 1, 1989	2,884.0	--	326	--	74,631

#INCLUDES 20,609 BBLs. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

TOTAL U.S.

SEP. 22, 1989	7,540.0	7,755.0	5,654	693	330,897 #
SEP. 15, 1989	7,540.0	--	6,437*	593	328,959
SEP. 8, 1989	7,540.0	--	6,546	582	338,572
SEP. 1, 1989	7,545.0	--	6,446	574	335,797
SEP. 23, 1988	7,895.0 a/	--	4,664	630	318,827

a/ DOE actual for September 1988.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE¹ (In thousands of 42-gallon barrels)

Week Ended:	Current	1988 Averages		
		Absolute	Positive	Negative
SEP. 22, 1989	1,036	445	472	-372

LOCATION OF CRUDE OIL STOCKS¹

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
SEP. 22, 1989	13,587	69,395	159,793	11,785	254,560	76,337 #	330,897 #
SEP. 15, 1989	14,723	68,458	160,238	12,015	255,434	73,525	328,959
SEP. 23, 1988	16,355	63,808	149,656	11,242	241,061	77,766	318,827

¹See definitional notes, Page 6.

* See Revisions on Page 7.

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IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline		Gasoline ² Blending Components	Jet Fuel		Distillate Fuel Oil ³	Residual Fuel Oil	L.P.G.	Unfinished		Total
		Finished Leaded	Finished Unleaded		Naphtha Type	Kerosine Type				Oils	Other	
New England	50	--	50	--	--	7	110	86	12	--	--	265
Central Atlantic	244	--	244	12	--	51	158	257	12	161	6	901
Lower Atlantic	--	--	--	--	--	11	--	108	--	--	6	125
DISTRICT 1 TOTAL												
SEP. 22, 1989	294	--	294	12	--	69	268	451	24	161	12	1,291
SEP. 15, 1989	264	--	264	78	--	80	226	444	12	106	17	1,227
SEP. 8, 1989	255	35	220	105	--	100	365	296	16	121	25	1,283
SEP. 1, 1989	199	--	199	26	--	38	212	445	26	96	4	1,046
DISTRICTS 2-4 TOTAL												
SEP. 22, 1989	6	--	6	--	--	38	5	5	106	289	41	490
SEP. 15, 1989	76	--	76	4	--	74	5	6	216	457	153	991
SEP. 8, 1989	5	--	5	40	--	44	7	5	107	339	174	721
SEP. 1, 1989	6	--	6	18	4	28	5	8	133	434	7	643
DISTRICT 5 TOTAL												
SEP. 22, 1989	13	--	13	--	--	17	5	11	5	3	--	54
SEP. 15, 1989	15	--	15	--	--	21	5	13	6	2	4	66
SEP. 8, 1989	12	--	12	--	--	20	7	10	6	3	--	58
SEP. 1, 1989	16	--	16	--	--	11	5	9	6	2	--	49
TOTAL U.S.												
	313	--	313	12	--	124	278	467	135	453	53	1,835
TOTAL U.S. Weeks Ended:												
SEP. 15, 1989	355	--	355	82	--	175	236	463	234	565	174	2,284
SEP. 8, 1989	272	35	237	145	--	164	379	311	129	463	199	2,062
SEP. 1, 1989	221	--	221	44	4	77	222	462	165	532	11	1,738
SEP. 23, 1988	335	--	335	133	4	52	260	691	202	320	111	2,108

¹Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

²Gasoline blending components are not included in total motor gasoline imports.

³Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.

Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.

Reported on a Port of Entry basis.

The Total of crude oil imports includes those from Canada.

Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.

Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

API STATISTICAL BULLETIN
WEEK ENDED: SEP. 22, 1989

REVISIONS

09/15/89	PAGE 4	T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	6,158
				TOTAL U.S.	6,437